

GILA RIVER BASIN

09498502 PINTO CREEK NEAR MIAMI, AZ

LOCATION--Lat 33°29'16", long 110°59'41", in NW_{1/4}SW_{1/4}NW_{1/4} sec. 25, T.2 S., R.13 E. (unsurveyed), Gila County, Hydrologic Unit 15060103, 2 mi downstream from West Pinto Creek, in Tonto National Forest, 0.5 mi downstream from Forest Road No. 287 crossing of Pinto Creek, approximately 12 mi northwest of Miami, AZ, on the right bank side, at Pinto Valley weir.

DRAINAGE AREA--102 mi².

PERIOD OF RECORD--Oct. 1994 to current year.

GAGE--Water-stage recorder. Elevation of gage is 2,820 ft above sea level, from topographic map.

REMARKS--Records fair except for estimated daily discharges, which are poor. Some flows may be affected by pumpage from many upstream wells.

EXTREMES FOR PERIOD OF RECORD--Maximum discharge, 5,010 ft³/s, Jan. 5, 1995, at gage height 9.10 ft.

EXTREMES FOR CURRENT YEAR--Maximum discharge, 1,090 ft³/s, Mar. 5, gage height, 7.01 ft. Minimum daily discharge, 0.80 ft³/s, Oct. 18-19.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2003 TO SEPTEMBER 2004
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	0.95	1.0	0.98	1.1	0.97	1.4	2.9	2.7	2.4	1.6	1.2	1.1
2	0.91	1.0	0.98	1.1	1.00	1.4	2.9	2.7	2.4	1.6	1.3	1.1
3	0.89	1.00	0.95	1.1	1.0	1.4	2.9	2.8	2.3	1.6	1.3	1.1
4	0.88	0.93	0.93	1.1	1.0	1.4	2.9	2.7	2.3	1.6	1.3	1.2
5	0.88	0.93	0.93	1.1	1.1	e665	2.8	2.8	2.3	1.5	1.3	1.2
6	0.88	0.93	0.93	1.1	1.1	158	2.8	2.8	2.3	1.5	1.3	1.2
7	0.90	0.93	0.92	1.1	1.1	21	2.8	2.8	2.3	1.5	1.2	1.2
8	0.88	0.93	0.93	1.1	1.1	9.8	2.7	2.7	2.3	1.5	1.2	1.1
9	0.84	0.92	0.93	1.1	1.1	5.3	2.7	2.8	2.2	1.5	1.2	1.1
10	0.83	0.91	0.93	0.98	1.1	3.6	2.7	2.8	2.2	1.5	1.2	1.1
11	0.84	0.93	0.97	0.97	1.1	3.4	2.7	2.8	2.2	1.5	1.2	1.1
12	0.87	0.98	0.97	0.97	1.1	3.3	2.6	2.8	2.1	1.5	1.1	1.1
13	0.86	0.97	0.96	0.97	1.1	3.2	2.6	2.9	2.1	1.4	1.1	1.1
14	0.84	0.97	0.97	0.97	1.1	3.2	2.7	2.9	2.0	1.5	1.3	1.1
15	0.83	0.96	0.97	0.97	1.1	3.2	2.6	2.9	2.0	1.4	1.3	1.1
16	0.82	0.95	0.97	0.94	1.1	3.2	2.6	3.0	1.9	1.4	1.3	1.0
17	0.81	0.97	0.97	0.95	1.1	3.2	2.7	2.9	1.9	1.6	1.3	1.0
18	0.80	0.97	1.0	0.96	1.2	3.1	2.7	2.9	1.9	1.5	1.3	1.1
19	0.80	0.97	0.99	0.94	1.2	3.1	2.7	2.8	1.8	1.5	1.3	1.2
20	0.82	0.97	0.98	0.94	1.2	3.2	2.7	2.7	2.1	1.5	1.2	1.1
21	0.82	0.97	1.0	0.93	1.3	3.3	2.7	2.7	1.9	1.4	1.2	1.1
22	0.82	0.97	1.0	0.96	1.3	3.1	2.7	2.6	1.9	1.4	1.2	1.1
23	0.82	0.96	1.0	0.96	1.4	3.0	2.7	2.6	1.9	1.4	1.2	1.1
24	0.84	0.97	1.1	0.94	1.4	3.0	2.7	2.5	2.1	1.4	1.2	1.0
25	0.91	0.97	1.1	0.96	1.4	3.0	2.7	2.5	1.9	1.4	1.2	1.0
26	0.99	0.97	1.1	0.98	1.4	3.0	2.6	2.5	1.8	1.4	1.2	1.0
27	1.1	0.94	1.1	0.99	1.4	3.0	2.6	2.4	1.9	1.4	1.1	1.0
28	1.0	0.94	1.1	1.0	1.4	2.9	2.7	2.4	1.9	1.4	1.1	1.0
29	0.97	0.95	1.1	0.99	1.4	2.9	2.7	2.4	1.7	1.3	1.1	1.0
30	0.99	0.97	1.1	1.0	---	2.9	2.7	2.4	1.7	1.3	1.2	1.0
31	0.99	---	1.1	1.0	---	2.9	---	2.4	---	1.3	1.1	---
TOTAL	27.38	28.73	30.96	31.17	34.27	933.4	81.5	83.6	61.7	45.3	37.7	32.6
MEAN	0.88	0.96	1.00	1.01	1.18	30.1	2.72	2.70	2.06	1.46	1.22	1.09
MAX	1.1	1.0	1.1	1.1	1.4	665	2.9	3.0	2.4	1.6	1.3	1.2
MIN	0.80	0.91	0.92	0.93	0.97	1.4	2.6	2.4	1.7	1.3	1.1	1.0
AC-FT	54	57	61	62	68	1850	162	166	122	90	75	65
CFSM	0.01	0.01	0.01	0.01	0.01	0.30	0.03	0.03	0.02	0.01	0.01	0.01

STATISTICS OF MONTHLY MEAN DATA FOR WATER YEARS 1995 - 2004, BY WATER YEAR (WY)

MEAN	2.40	3.70	2.25	14.2	23.2	23.6	7.92	3.30	2.40	2.09	3.37	1.75
MAX	13.0	26.1	8.37	117	82.3	99.8	27.1	7.54	5.41	4.26	16.6	3.56
(WY)	2001	2001	1995	1995	1998	1995	1998	1995	1995	2001	2000	2001
MIN	0.02	0.00	0.01	0.26	0.76	0.99	0.98	0.69	0.38	0.20	0.18	0.24
(WY)	1998	1998	1997	1998	1999	1999	1996	1996	1996	1996	1996	1997

SUMMARY STATISTICS FOR 2003 CALENDAR YEAR FOR 2004 WATER YEAR WATER YEARS 1995 - 2004

ANNUAL TOTAL	2269.07	1428.31		
ANNUAL MEAN	6.22	3.90	7.44	
HIGHEST ANNUAL MEAN			27.3	1995
LOWEST ANNUAL MEAN			1.21	1996
HIGHEST DAILY MEAN	691	Feb 28	665	Mar 5
LOWEST DAILY MEAN	0.80	Oct 18	0.80	Oct 18
ANNUAL SEVEN-DAY MINIMUM	0.81	Oct 16	0.81	Oct 16
ANNUAL RUNOFF (AC-FT)	4500		2830	5390
ANNUAL RUNOFF (CFSM)	0.061		0.038	0.073
10 PERCENT EXCEEDS	3.2		2.9	8.3
50 PERCENT EXCEEDS	1.3		1.2	1.8
90 PERCENT EXCEEDS	0.91		0.93	0.34

e Estimated